

Occupational Education and Training Requirements			
Standard Occupation Classification (SOC)*		Training Requirements	
Code	Occupation Title	Code	Training Description
21-2011	Clergy	1	First professional degree
23-1011	Lawyers	1	First professional degree
25-1112	Law Teachers, Postsecondary	1	First professional degree
29-1011	Chiropractors	1	First professional degree
29-1020	Dentists	1	First professional degree
29-1041	Optometrists	1	First professional degree
29-1051	Pharmacists	1	First professional degree
29-1061	Anesthesiologists	1	First professional degree
29-1062	Family & General Practitioners	1	First professional degree
29-1063	Internists, General	1	First professional degree
29-1064	Obstetricians & Gynecologists	1	First professional degree
29-1065	Pediatricians, General	1	First professional degree
29-1066	Psychiatrists	1	First professional degree
29-1067	Surgeons	1	First professional degree
29-1069	Physicians & Surgeons, All Other	1	First professional degree
29-1081	Podiatrists	1	First professional degree
29-1131	Veterinarians	1	First professional degree
15-1011	Computer & Information Scientists, Research	2	Doctoral degree
19-1021	Biochemists & Biophysicists	2	Doctoral degree
19-1022	Microbiologists	2	Doctoral degree
19-1042	Medical Scientists, Except Epidemiologists	2	Doctoral degree
19-2011	Astronomers	2	Doctoral degree
19-2012	Physicists	2	Doctoral degree
19-3031	Clinical, Counseling, & School Psychologists	2	Doctoral degree
25-1031	Architecture Teachers, Postsecondary	2	Doctoral degree
25-1032	Engineering Teachers, Postsecondary	2	Doctoral degree
25-1041	Agricultural Sciences Teachers, Postsecondary	2	Doctoral degree
25-1042	Biological Science Teachers, Postsecondary	2	Doctoral degree
25-1051	Atmospheric, Earth, Marine, & Space Sciences Teachers, Postsecondary	2	Doctoral degree
25-1052	Chemistry Teachers, Postsecondary	2	Doctoral degree
25-1053	Environmental Science Teachers, Postsecondary	2	Doctoral degree
25-1054	Physics Teachers, Postsecondary	2	Doctoral degree
25-1061	Anthropology & Archeology Teachers, Postsecondary	2	Doctoral degree
25-1062	Area, Ethnic, & Cultural Studies Teachers, Postsecondary	2	Doctoral degree
25-1063	Economics Teachers, Postsecondary	2	Doctoral degree
25-1064	Geography Teachers, Postsecondary	2	Doctoral degree
25-1065	Political Science Teachers, Postsecondary	2	Doctoral degree
25-1066	Psychology Teachers, Postsecondary	2	Doctoral degree
25-1067	Sociology Teachers, Postsecondary	2	Doctoral degree
25-1072	Nursing Instructors & Teachers, Postsecondary	2	Doctoral degree
25-1081	Education Teachers, Postsecondary	2	Doctoral degree
25-1111	Criminal Justice & Law Enforcement Teachers, Postsecondary	2	Doctoral degree
25-1122	Communications Teachers, Postsecondary	2	Doctoral degree
25-1125	History Teachers, Postsecondary	2	Doctoral degree
25-1126	Philosophy & Religion Teachers, Postsecondary	2	Doctoral degree
25-1199	Postsecondary Teachers, All Other	2	Doctoral degree
15-2021	Mathematicians	3	Master's degree
15-2031	Operations Research Analysts	3	Master's degree
15-2041	Statisticians	3	Master's degree
15-2099	Mathematical Science Occupations, All Other	3	Master's degree
19-1041	Epidemiologists	3	Master's degree

Standard Occupation Classification (SOC)*		Training Requirements	
Code	Occupation Title	Code	Training Description
19-2041	Environmental Scientists & Specialists, Including Health	3	Master's degree
19-2042	Geoscientists, Except Hydrologists & Geographers	3	Master's degree
19-2043	Hydrologists	3	Master's degree
19-3011	Economists	3	Master's degree
19-3021	Market Research Analysts	3	Master's degree
19-3022	Survey Researchers	3	Master's degree
19-3032	Industrial-Organizational Psychologists	3	Master's degree
19-3041	Sociologists	3	Master's degree
19-3051	Urban & Regional Planners	3	Master's degree
19-3091	Anthropologists & Archeologists	3	Master's degree
19-3093	Historians	3	Master's degree
19-3094	Political Scientists	3	Master's degree
19-3099	Social Scientists & Related Workers, All Other	3	Master's degree
21-1011	Substance Abuse & Behavioral Disorder Counselors	3	Master's degree
21-1012	Educational, Vocational, & School Counselors	3	Master's degree
21-1013	Marriage & Family Therapists	3	Master's degree
21-1014	Mental Health Counselors	3	Master's degree
21-1015	Rehabilitation Counselors	3	Master's degree
21-1023	Mental Health & Substance Abuse Social Workers	3	Master's degree
21-1091	Health Educators	3	Master's degree
25-1011	Business Teachers, Postsecondary	3	Master's degree
25-1021	Computer Science Teachers, Postsecondary	3	Master's degree
25-1022	Mathematical Science Teachers, Postsecondary	3	Master's degree
25-1071	Health Specialties Teachers, Postsecondary	3	Master's degree
25-1121	Art, Drama, & Music Teachers, Postsecondary	3	Master's degree
25-1123	English Language & Literature Teachers, Postsecondary	3	Master's degree
25-1124	Foreign Language & Literature Teachers, Postsecondary	3	Master's degree
25-1192	Home Economics Teachers, Postsecondary	3	Master's degree
25-1193	Recreation & Fitness Studies Teachers, Postsecondary	3	Master's degree
25-4010	Archivists, Curators, & Museum Technicians	3	Master's degree
25-4021	Librarians	3	Master's degree
25-9031	Instructional Coordinators	3	Master's degree
29-1121	Audiologists	3	Master's degree
29-1123	Physical Therapists	3	Master's degree
29-1127	Speech-Language Pathologists	3	Master's degree
11-1011	Chief Executives	4	Bachelor's or higher degree, plus work experience
11-1021	General & Operations Managers	4	Bachelor's or higher degree, plus work experience
11-1031	Legislators	4	Bachelor's or higher degree, plus work experience
11-2011	Advertising & Promotions Managers	4	Bachelor's or higher degree, plus work experience
11-2021	Marketing Managers	4	Bachelor's or higher degree, plus work experience
11-2022	Sales Managers	4	Bachelor's or higher degree, plus work experience
11-2031	Public Relations Managers	4	Bachelor's or higher degree, plus work experience
11-3011	Administrative Services Managers	4	Bachelor's or higher degree, plus work experience
11-3021	Computer & Information Systems Managers	4	Bachelor's or higher degree, plus work experience
11-3031	Financial Managers	4	Bachelor's or higher degree, plus work experience

Standard Occupation Classification (SOC)*		Training Requirements	
Code	Occupation Title	Code	Training Description
11-3040	Human Resources Managers	4	Bachelor's or higher degree, plus work experience
11-3061	Purchasing Managers	4	Bachelor's or higher degree, plus work experience
11-9011	Farm, Ranch, & Other Agricultural Managers	4	Bachelor's or higher degree, plus work experience
11-9031	Education Administrators, Preschool & Child Care Center/Program	4	Bachelor's or higher degree, plus work experience
11-9032	Education Administrators, Elementary & Secondary School	4	Bachelor's or higher degree, plus work experience
11-9033	Education Administrators, Postsecondary	4	Bachelor's or higher degree, plus work experience
11-9039	Education Administrators, All Other	4	Bachelor's or higher degree, plus work experience
11-9041	Engineering Managers	4	Bachelor's or higher degree, plus work experience
11-9111	Medical & Health Services Managers	4	Bachelor's or higher degree, plus work experience
11-9121	Natural Sciences Managers	4	Bachelor's or higher degree, plus work experience
13-1011	Agents & Business Managers of Artists, Performers, & Athletes	4	Bachelor's or higher degree, plus work experience
13-1111	Management Analysts	4	Bachelor's or higher degree, plus work experience
15-2011	Actuaries	4	Bachelor's or higher degree, plus work experience
23-1021	Administrative Law Judges, Adjudicators, & Hearing Officers	4	Bachelor's or higher degree, plus work experience
23-1022	Arbitrators, Mediators, & Conciliators	4	Bachelor's or higher degree, plus work experience
23-1023	Judges, Magistrate Judges, & Magistrates	4	Bachelor's or higher degree, plus work experience
25-2023	Vocational Education Teachers, Middle School	4	Bachelor's or higher degree, plus work experience
25-2032	Vocational Education Teachers, Secondary School	4	Bachelor's or higher degree, plus work experience
27-1011	Art Directors	4	Bachelor's or higher degree, plus work experience
27-2012	Producers & Directors	4	Bachelor's or higher degree, plus work experience
27-2041	Music Directors & Composers	4	Bachelor's or higher degree, plus work experience
27-3020	News Analysts, Reporters & Correspondents	4	Bachelor's or higher degree, plus work experience
11-3051	Industrial Production Managers	5	Bachelor's degree
11-9021	Construction Managers	5	Bachelor's degree
11-9141	Property, Real Estate, & Community Association Managers	5	Bachelor's degree
11-9151	Social & Community Service Managers	5	Bachelor's degree
13-1071	Employment, Recruitment, & Placement Specialists	5	Bachelor's degree
13-1072	Compensation, Benefits, & Job Analysis Specialists	5	Bachelor's degree
13-1073	Training & Development Specialists	5	Bachelor's degree
13-1121	Meeting & Convention Planners	5	Bachelor's degree
13-1199	Business Operations Specialists, All Other	5	Bachelor's degree
13-2011	Accountants & Auditors	5	Bachelor's degree

Standard Occupation Classification (SOC)*		Training Requirements	
Code	Occupation Title	Code	Training Description
13-2031	Budget Analysts	5	Bachelor's degree
13-2041	Credit Analysts	5	Bachelor's degree
13-2051	Financial Analysts	5	Bachelor's degree
13-2052	Personal Financial Advisors	5	Bachelor's degree
13-2053	Insurance Underwriters	5	Bachelor's degree
13-2061	Financial Examiners	5	Bachelor's degree
13-2071	Loan Counselors	5	Bachelor's degree
13-2072	Loan Officers	5	Bachelor's degree
13-2081	Tax Examiners, Collectors, & Revenue Agents	5	Bachelor's degree
13-2099	Financial Specialists, All Other	5	Bachelor's degree
15-1021	Computer Programmers	5	Bachelor's degree
15-1031	Computer Software Engineers, Applications	5	Bachelor's degree
15-1032	Computer Software Engineers, Systems Software	5	Bachelor's degree
15-1051	Computer Systems Analysts	5	Bachelor's degree
15-1061	Database Administrators	5	Bachelor's degree
15-1071	Network & Computer Systems Administrators	5	Bachelor's degree
15-1081	Network Systems & Data Communications Analysts	5	Bachelor's degree
15-2091	Mathematical Technicians	5	Bachelor's degree
17-1011	Architects, Except Landscape & Naval	5	Bachelor's degree
17-1012	Landscape Architects	5	Bachelor's degree
17-1021	Cartographers & Photogrammetrists	5	Bachelor's degree
17-1022	Surveyors	5	Bachelor's degree
17-1099	Architects, Surveyors, & Cartographers, All Other (OES Only)	5	Bachelor's degree
17-2011	Aerospace Engineers	5	Bachelor's degree
17-2021	Agricultural Engineers	5	Bachelor's degree
17-2031	Biomedical Engineers	5	Bachelor's degree
17-2041	Chemical Engineers	5	Bachelor's degree
17-2051	Civil Engineers	5	Bachelor's degree
17-2061	Computer Hardware Engineers	5	Bachelor's degree
17-2071	Electrical Engineers	5	Bachelor's degree
17-2072	Electronics Engineers, Except Computer	5	Bachelor's degree
17-2081	Environmental Engineers	5	Bachelor's degree
17-2111	Health & Safety Engineers, Except Mining Safety Engineers & Inspectors	5	Bachelor's degree
17-2112	Industrial Engineers	5	Bachelor's degree
17-2121	Marine Engineers & Naval Architects	5	Bachelor's degree
17-2131	Materials Engineers	5	Bachelor's degree
17-2141	Mechanical Engineers	5	Bachelor's degree
17-2151	Mining & Geological Engineers, Including Mining Safety Engineers	5	Bachelor's degree
17-2161	Nuclear Engineers	5	Bachelor's degree
17-2171	Petroleum Engineers	5	Bachelor's degree
17-2199	Engineers, All Other	5	Bachelor's degree
19-1010	Agricultural & Food Scientists	5	Bachelor's degree
19-1023	Zoologists & Wildlife Biologists	5	Bachelor's degree
19-1031	Conservation Scientists	5	Bachelor's degree
19-1032	Foresters	5	Bachelor's degree
19-1099	Life Scientists, All Other	5	Bachelor's degree
19-2021	Atmospheric & Space Scientists	5	Bachelor's degree
19-2031	Chemists	5	Bachelor's degree
19-2032	Materials Scientists	5	Bachelor's degree
19-2099	Physical Scientists, All Other	5	Bachelor's degree
21-1021	Child, Family, & School Social Workers	5	Bachelor's degree
21-1022	Medical & Public Health Social Workers	5	Bachelor's degree

Standard Occupation Classification (SOC)*		Training Requirements	
Code	Occupation Title	Code	Training Description
21-1092	Probation Officers & Correctional Treatment Specialists	5	Bachelor's degree
21-2021	Directors, Religious Activities & Education	5	Bachelor's degree
21-9099	Counselors, Social, & Religious Workers, All Other (OES Only)	5	Bachelor's degree
23-2092	Law Clerks	5	Bachelor's degree
23-9099	Legal & Related Workers, All Other (OES Only)	5	Bachelor's degree
25-1191	Graduate Teaching Assistants	5	Bachelor's degree
25-2012	Kindergarten Teachers, Except Special Education	5	Bachelor's degree
25-2021	Elementary School Teachers, Except Special Education	5	Bachelor's degree
25-2022	Middle School Teachers, Except Special & Vocational Education	5	Bachelor's degree
25-2031	Secondary School Teachers, Except Special & Vocational Education	5	Bachelor's degree
25-2041	Special Education Teachers, Preschool, Kindergarten, & Elementary School	5	Bachelor's degree
25-2042	Special Education Teachers, Middle School	5	Bachelor's degree
25-2043	Special Education Teachers, Secondary School	5	Bachelor's degree
25-3011	Adult Literacy, Remedial Education, & GED Teachers & Instructors	5	Bachelor's degree
25-3999	Teachers, Primary, Secondary, & Adult, All Other (OES Only)	5	Bachelor's degree
25-9021	Farm & Home Management Advisors	5	Bachelor's degree
25-9199	Library, Museum, Training, & Other Education Workers, All Other (OES Only)	5	Bachelor's degree
27-1014	Multi-Media Artists & Animators	5	Bachelor's degree
27-1021	Commercial & Industrial Designers	5	Bachelor's degree
27-1022	Fashion Designers	5	Bachelor's degree
27-1024	Graphic Designers	5	Bachelor's degree
27-1025	Interior Designers	5	Bachelor's degree
27-1027	Set & Exhibit Designers	5	Bachelor's degree
27-1099	Art & Design Workers, All Other (OES Only)	5	Bachelor's degree
27-3031	Public Relations Specialists	5	Bachelor's degree
27-3041	Editors	5	Bachelor's degree
27-3042	Technical Writers	5	Bachelor's degree
27-3043	Writers & Authors	5	Bachelor's degree
27-4032	Film & Video Editors	5	Bachelor's degree
29-1031	Dietitians & Nutritionists	5	Bachelor's degree
29-1071	Physician Assistants	5	Bachelor's degree
29-1122	Occupational Therapists	5	Bachelor's degree
29-1125	Recreational Therapists	5	Bachelor's degree
29-1199	Health Diagnosing & Treating Practitioners, All Other	5	Bachelor's degree
29-2011	Medical & Clinical Laboratory Technologists	5	Bachelor's degree
29-2091	Orthotists & Prosthetists	5	Bachelor's degree
29-9010	Occupational Health & Safety Specialists & Technicians	5	Bachelor's degree
29-9091	Athletic Trainers	5	Bachelor's degree
39-9032	Recreation Workers	5	Bachelor's degree
41-3021	Insurance Sales Agents	5	Bachelor's degree
41-3031	Securities, Commodities, & Financial Services Sales Agents	5	Bachelor's degree
41-9031	Sales Engineers	5	Bachelor's degree
53-2011	Airline Pilots, Copilots, & Flight Engineers	5	Bachelor's degree
11-9061	Funeral Directors	6	Associate degree
15-1041	Computer Support Specialists	6	Associate degree
15-1099	Computer Specialists, All Other	6	Associate degree

Standard Occupation Classification (SOC)*		Training Requirements	
Code	Occupation Title	Code	Training Description
17-3021	Aerospace Engineering & Operations Technicians	6	Associate degree
17-3022	Civil Engineering Technicians	6	Associate degree
17-3023	Electrical & Electronic Engineering Technicians	6	Associate degree
17-3024	Electro-Mechanical Technicians	6	Associate degree
17-3025	Environmental Engineering Technicians	6	Associate degree
17-3026	Industrial Engineering Technicians	6	Associate degree
17-3027	Mechanical Engineering Technicians	6	Associate degree
17-3099	Drafters, Engineering, & Mapping Technicians, All Other (OES Only)	6	Associate degree
19-4011	Agricultural & Food Science Technicians	6	Associate degree
19-4021	Biological Technicians	6	Associate degree
19-4031	Chemical Technicians	6	Associate degree
19-4041	Geological & Petroleum Technicians	6	Associate degree
19-4051	Nuclear Technicians	6	Associate degree
19-4091	Environmental Science & Protection Technicians, Including Health	6	Associate degree
19-4092	Forensic Science Technicians	6	Associate degree
19-4093	Forest & Conservation Technicians	6	Associate degree
19-4099	Life, Physical, & Social Science Technicians, All Other	6	Associate degree
23-2011	Paralegals & Legal Assistants	6	Associate degree
27-4012	Broadcast Technicians	6	Associate degree
29-1111	Registered Nurses	6	Associate degree
29-1124	Radiation Therapists	6	Associate degree
29-1126	Respiratory Therapists	6	Associate degree
29-2012	Medical & Clinical Laboratory Technicians	6	Associate degree
29-2021	Dental Hygienists	6	Associate degree
29-2031	Cardiovascular Technologists & Technicians	6	Associate degree
29-2032	Diagnostic Medical Sonographers	6	Associate degree
29-2033	Nuclear Medicine Technologists	6	Associate degree
29-2034	Radiologic Technologists & Technicians	6	Associate degree
29-2056	Veterinary Technologists & Technicians	6	Associate degree
29-2071	Medical Records & Health Information Technicians	6	Associate degree
31-2011	Occupational Therapist Assistants	6	Associate degree
31-2021	Physical Therapist Assistants	6	Associate degree
49-9062	Medical Equipment Repairers	6	Associate degree
51-9141	Semiconductor Processors	6	Associate degree
13-2021	Appraisers & Assessors of Real Estate	7	Postsecondary vocational training
17-3011	Architectural & Civil Drafters	7	Postsecondary vocational training
17-3012	Electrical & Electronics Drafters	7	Postsecondary vocational training
17-3013	Mechanical Drafters	7	Postsecondary vocational training
23-2091	Court Reporters	7	Postsecondary vocational training
25-2011	Preschool Teachers, Except Special Education	7	Postsecondary vocational training
27-4014	Sound Engineering Technicians	7	Postsecondary vocational training
29-2041	Emergency Medical Technicians & Paramedics	7	Postsecondary vocational training
29-2054	Respiratory Therapy Technicians	7	Postsecondary vocational training
29-2055	Surgical Technologists	7	Postsecondary vocational training
29-2061	Licensed Practical & Licensed Vocational Nurses	7	Postsecondary vocational training
29-9199	Health Professionals & Technicians, All Other (OES Only)	7	Postsecondary vocational training
31-9011	Massage Therapists	7	Postsecondary vocational training
31-9094	Medical Transcriptionists	7	Postsecondary vocational training
39-1012	Slot Key Persons	7	Postsecondary vocational training
39-3011	Gaming Dealers	7	Postsecondary vocational training
39-3012	Gaming & Sports Book Writers & Runners	7	Postsecondary vocational training
39-4011	Embalmers	7	Postsecondary vocational training

Standard Occupation Classification (SOC)*		Training Requirements	
Code	Occupation Title	Code	Training Description
39-5011	Barbers	7	Postsecondary vocational training
39-5012	Hairdressers, Hairstylists, & Cosmetologists	7	Postsecondary vocational training
39-5091	Makeup Artists, Theatrical & Performance	7	Postsecondary vocational training
39-5092	Manicurists & Pedicurists	7	Postsecondary vocational training
39-5094	Skin Care Specialists	7	Postsecondary vocational training
39-9031	Fitness Trainers & Aerobics Instructors	7	Postsecondary vocational training
41-3041	Travel Agents	7	Postsecondary vocational training
41-9022	Real Estate Sales Agents	7	Postsecondary vocational training
43-6012	Legal Secretaries	7	Postsecondary vocational training
43-6013	Medical Secretaries	7	Postsecondary vocational training
43-9031	Desktop Publishers	7	Postsecondary vocational training
49-2011	Computer, Automated Teller, & Office Machine Repairers	7	Postsecondary vocational training
49-2021	Radio Mechanics	7	Postsecondary vocational training
49-2091	Avionics Technicians	7	Postsecondary vocational training
49-2092	Electric Motor, Power Tool, & Related Repairers	7	Postsecondary vocational training
49-2093	Electrical & Electronics Installers & Repairers, Transportation Equipment	7	Postsecondary vocational training
49-2094	Electrical & Electronics Repairers, Commercial & Industrial Equipment	7	Postsecondary vocational training
49-2095	Electrical & Electronics Repairers, Powerhouse, Substation, & Relay	7	Postsecondary vocational training
49-2096	Electronic Equipment Installers & Repairers, Motor Vehicles	7	Postsecondary vocational training
49-2097	Electronic Home Entertainment Equipment Installers & Repairers	7	Postsecondary vocational training
49-2098	Security & Fire Alarm Systems Installers	7	Postsecondary vocational training
49-2099	Electrical & Electronic Equipment Mechanics, Installers, & Repairers, All Other (OES Only)	7	Postsecondary vocational training
49-3011	Aircraft Mechanics & Service Technicians	7	Postsecondary vocational training
49-3023	Automotive Service Technicians & Mechanics	7	Postsecondary vocational training
49-3031	Bus & Truck Mechanics & Diesel Engine Specialists	7	Postsecondary vocational training
49-3041	Farm Equipment Mechanics	7	Postsecondary vocational training
49-3042	Mobile Heavy Equipment Mechanics, Except Engines	7	Postsecondary vocational training
51-9071	Jewelers & Precious Stone & Metal Workers	7	Postsecondary vocational training
53-2012	Commercial Pilots	7	Postsecondary vocational training
53-5031	Ship Engineers	7	Postsecondary vocational training
11-3071	Transportation, Storage, & Distribution Managers	8	Work experience in a related occupation
11-9051	Food Service Managers	8	Work experience in a related occupation
11-9071	Gaming Managers	8	Work experience in a related occupation
11-9081	Lodging Managers	8	Work experience in a related occupation
11-9131	Postmasters & Mail Superintendents	8	Work experience in a related occupation
11-9199	Managers, All Other	8	Work experience in a related occupation
13-1021	Purchasing Agents & Buyers, Farm Products	8	Work experience in a related occupation
13-1022	Wholesale & Retail Buyers, Except Farm Products	8	Work experience in a related occupation
13-1023	Purchasing Agents, Except Wholesale, Retail, & Farm Products	8	Work experience in a related occupation

Standard Occupation Classification (SOC)*		Training Requirements	
Code	Occupation Title	Code	Training Description
13-1051	Cost Estimators	8	Work experience in a related occupation
13-1061	Emergency Management Specialists	8	Work experience in a related occupation
25-1194	Vocational Education Teachers, Postsecondary	8	Work experience in a related occupation
25-3021	Self-Enrichment Education Teachers	8	Work experience in a related occupation
27-2032	Choreographers	8	Work experience in a related occupation
33-1011	First-Line Supervisors/Managers of Correctional Officers	8	Work experience in a related occupation
33-1012	First-Line Supervisors/Managers of Police & Detectives	8	Work experience in a related occupation
33-1021	First-Line Supervisors/Managers of Fire Fighting & Prevention Workers	8	Work experience in a related occupation
33-1099	First-Line Supervisors/Managers, Protective Service Workers, All Other	8	Work experience in a related occupation
33-2021	Fire Inspectors & Investigators	8	Work experience in a related occupation
33-2022	Forest Fire Inspectors & Prevention Specialists	8	Work experience in a related occupation
33-3021	Detectives & Criminal Investigators	8	Work experience in a related occupation
33-9021	Private Detectives & Investigators	8	Work experience in a related occupation
35-1011	Chefs & Head Cooks	8	Work experience in a related occupation
35-1012	First-Line Supervisors/Managers of Food Preparation & Serving Workers	8	Work experience in a related occupation
37-1011	First-Line Supervisors/Managers of Housekeeping & Janitorial Workers	8	Work experience in a related occupation
37-1012	First-Line Supervisors/Managers of Landscaping, Lawn Service, & Groundskeeping Workers	8	Work experience in a related occupation
39-1011	Gaming Supervisors	8	Work experience in a related occupation
39-1021	First-Line Supervisors/Managers of Personal Service Workers	8	Work experience in a related occupation
41-1011	First-Line Supervisors/Managers of Retail Sales Workers	8	Work experience in a related occupation
41-1012	First-Line Supervisors/Managers of Non-Retail Sales Workers	8	Work experience in a related occupation
41-9021	Real Estate Brokers	8	Work experience in a related occupation
43-1011	First-Line Supervisors/Managers of Office & Administrative Support Workers	8	Work experience in a related occupation
43-4141	New Accounts Clerks	8	Work experience in a related occupation
45-1011	First-Line Supervisors/Managers of Farming, Fishing, & Forestry Workers	8	Work experience in a related occupation
45-1012	Farm Labor Contractors	8	Work experience in a related occupation
45-2011	Agricultural Inspectors	8	Work experience in a related occupation

Standard Occupation Classification (SOC)*		Training Requirements	
Code	Occupation Title	Code	Training Description
45-2041	Graders & Sorters, Agricultural Products	8	Work experience in a related occupation
47-1011	First-Line Supervisors/Managers of Construction Trades & Extraction Workers	8	Work experience in a related occupation
47-4011	Construction & Building Inspectors	8	Work experience in a related occupation
49-1011	First-Line Supervisors/Managers of Mechanics, Installers, & Repairers	8	Work experience in a related occupation
51-1011	First-Line Supervisors/Managers of Production & Operating Workers	8	Work experience in a related occupation
53-1011	Aircraft Cargo Handling Supervisors	8	Work experience in a related occupation
53-1021	First-Line Supervisors/Managers of Helpers, Laborers, & Material Movers, Hand	8	Work experience in a related occupation
53-1031	First-Line Supervisors/Managers of Transportation & Material-Moving Machine & Vehicle Operators	8	Work experience in a related occupation
53-4011	Locomotive Engineers	8	Work experience in a related occupation
53-4013	Rail Yard Engineers, Dinkey Operators, & Hostlers	8	Work experience in a related occupation
53-4021	Railroad Brake, Signal, & Switch Operators	8	Work experience in a related occupation
53-4031	Railroad Conductors & Yardmasters	8	Work experience in a related occupation
53-4041	Subway & Streetcar Operators	8	Work experience in a related occupation
53-5021	Captains, Mates, & Pilots of Water Vessels	8	Work experience in a related occupation
53-6051	Transportation Inspectors	8	Work experience in a related occupation
11-9012	Farmers & Ranchers	9	Long-term on-the-job training
13-1031	Claims Adjusters, Examiners, & Investigators	9	Long-term on-the-job training
13-1032	Insurance Appraisers, Auto Damage	9	Long-term on-the-job training
13-1041	Compliance Officers, Except Agriculture, Construction, Health & Safety, & Transportation	9	Long-term on-the-job training
27-1013	Fine Artists, Including Painters, Sculptors, & Illustrators	9	Long-term on-the-job training
27-2011	Actors	9	Long-term on-the-job training
27-2021	Athletes & Sports Competitors	9	Long-term on-the-job training
27-2022	Coaches & Scouts	9	Long-term on-the-job training
27-2023	Umpires, Referees, & Other Sports Officials	9	Long-term on-the-job training
27-2031	Dancers	9	Long-term on-the-job training
27-2042	Musicians & Singers	9	Long-term on-the-job training
27-2099	Entertainers & Performers, Sports & Related Workers, All Other	9	Long-term on-the-job training
27-3010	Announcers	9	Long-term on-the-job training
27-3091	Interpreters & Translators	9	Long-term on-the-job training
27-3099	Media & Communication Workers, All Other	9	Long-term on-the-job training
27-4011	Audio & Video Equipment Technicians	9	Long-term on-the-job training
27-4021	Photographers	9	Long-term on-the-job training
29-2081	Opticians, Dispensing	9	Long-term on-the-job training
33-2011	Fire Fighters	9	Long-term on-the-job training
33-3031	Fish & Game Wardens	9	Long-term on-the-job training
33-3051	Police & Sheriff's Patrol Officers	9	Long-term on-the-job training
33-3052	Transit & Railroad Police	9	Long-term on-the-job training
35-2013	Cooks, Private Household	9	Long-term on-the-job training

Standard Occupation Classification (SOC)*		Training Requirements	
Code	Occupation Title	Code	Training Description
35-2014	Cooks, Restaurant	9	Long-term on-the-job training
39-6031	Flight Attendants	9	Long-term on-the-job training
47-2011	Boilermakers	9	Long-term on-the-job training
47-2021	Brickmasons & Blockmasons	9	Long-term on-the-job training
47-2022	Stonemasons	9	Long-term on-the-job training
47-2031	Carpenters	9	Long-term on-the-job training
47-2044	Tile & Marble Setters	9	Long-term on-the-job training
47-2053	Terrazzo Workers & Finishers	9	Long-term on-the-job training
47-2111	Electricians	9	Long-term on-the-job training
47-2121	Glaziers	9	Long-term on-the-job training
47-2152	Plumbers, Pipefitters, & Steamfitters	9	Long-term on-the-job training
47-2161	Plasterers & Stucco Masons	9	Long-term on-the-job training
47-2171	Reinforcing Iron & Rebar Workers	9	Long-term on-the-job training
47-2221	Structural Iron & Steel Workers	9	Long-term on-the-job training
47-4021	Elevator Installers & Repairers	9	Long-term on-the-job training
49-2022	Telecommunications Equipment Installers & Repairers, Except Line Installers	9	Long-term on-the-job training
49-3021	Automotive Body & Related Repairers	9	Long-term on-the-job training
49-3022	Automotive Glass Installers & Repairers	9	Long-term on-the-job training
49-3043	Rail Car Repairers	9	Long-term on-the-job training
49-3051	Motorboat Mechanics	9	Long-term on-the-job training
49-3052	Motorcycle Mechanics	9	Long-term on-the-job training
49-3092	Recreational Vehicle Service Technicians	9	Long-term on-the-job training
49-9021	Heating, Air Conditioning, & Refrigeration Mechanics & Installers	9	Long-term on-the-job training
49-9031	Home Appliance Repairers	9	Long-term on-the-job training
49-9041	Industrial Machinery Mechanics	9	Long-term on-the-job training
49-9044	Millwrights	9	Long-term on-the-job training
49-9051	Electrical Power-Line Installers & Repairers	9	Long-term on-the-job training
49-9052	Telecommunications Line Installers & Repairers	9	Long-term on-the-job training
49-9063	Musical Instrument Repairers & Tuners	9	Long-term on-the-job training
49-9064	Watch Repairers	9	Long-term on-the-job training
49-9069	Precision Instrument & Equipment Repairers, All Other	9	Long-term on-the-job training
51-2011	Aircraft Structure, Surfaces, Rigging, & Systems Assemblers	9	Long-term on-the-job training
51-3011	Bakers	9	Long-term on-the-job training
51-3021	Butchers & Meat Cutters	9	Long-term on-the-job training
51-4012	Numerical Tool & Process Control Programmers	9	Long-term on-the-job training
51-4041	Machinists	9	Long-term on-the-job training
51-4111	Tool & Die Makers	9	Long-term on-the-job training
51-4121	Welders, Cutters, Solderers, & Brazers	9	Long-term on-the-job training
51-5021	Job Printers	9	Long-term on-the-job training
51-5022	Prepress Technicians & Workers	9	Long-term on-the-job training
51-6041	Shoe & Leather Workers & Repairers	9	Long-term on-the-job training
51-6052	Tailors, Dressmakers, & Custom Sewers	9	Long-term on-the-job training
51-6063	Textile Knitting & Weaving Machine Setters, Operators, & Tenders	9	Long-term on-the-job training
51-6092	Fabric & Apparel Patternmakers	9	Long-term on-the-job training
51-6093	Upholsterers	9	Long-term on-the-job training
51-7011	Cabinetmakers & Bench Carpenters	9	Long-term on-the-job training
51-7021	Furniture Finishers	9	Long-term on-the-job training
51-7031	Model Makers, Wood	9	Long-term on-the-job training
51-7032	Patternmakers, Wood	9	Long-term on-the-job training
51-8011	Nuclear Power Reactor Operators	9	Long-term on-the-job training
51-8012	Power Distributors & Dispatchers	9	Long-term on-the-job training

Standard Occupation Classification (SOC)*		Training Requirements	
Code	Occupation Title	Code	Training Description
51-8013	Power Plant Operators	9	Long-term on-the-job training
51-8021	Stationary Engineers & Boiler Operators	9	Long-term on-the-job training
51-8031	Water & Liquid Waste Treatment Plant & System Operators	9	Long-term on-the-job training
51-8091	Chemical Plant & System Operators	9	Long-term on-the-job training
51-8092	Gas Plant Operators	9	Long-term on-the-job training
51-8093	Petroleum Pump System Operators, Refinery Operators, & Gaugers	9	Long-term on-the-job training
51-8099	Plant & System Operators, All Other	9	Long-term on-the-job training
51-9081	Dental Laboratory Technicians	9	Long-term on-the-job training
51-9082	Medical Appliance Technicians	9	Long-term on-the-job training
51-9194	Etchers & Engravers	9	Long-term on-the-job training
53-2021	Air Traffic Controllers	9	Long-term on-the-job training
53-2022	Airfield Operations Specialists	9	Long-term on-the-job training
13-2082	Tax Preparers	10	Moderate-term on-the-job training
17-3031	Surveying & Mapping Technicians	10	Moderate-term on-the-job training
21-1093	Social & Human Service Assistants	10	Moderate-term on-the-job training
23-2093	Title Examiners, Abstractors, & Searchers	10	Moderate-term on-the-job training
25-9011	Audio-Visual Collections Specialists	10	Moderate-term on-the-job training
27-1023	Floral Designers	10	Moderate-term on-the-job training
27-1026	Merchandise Displayers & Window Trimmers	10	Moderate-term on-the-job training
27-4013	Radio Operators	10	Moderate-term on-the-job training
27-4031	Camera Operators, Television, Video, & Motion Picture	10	Moderate-term on-the-job training
27-4099	Media & Communication Equipment Workers, All Other	10	Moderate-term on-the-job training
29-2051	Dietetic Technicians	10	Moderate-term on-the-job training
29-2052	Pharmacy Technicians	10	Moderate-term on-the-job training
29-2053	Psychiatric Technicians	10	Moderate-term on-the-job training
31-9091	Dental Assistants	10	Moderate-term on-the-job training
31-9092	Medical Assistants	10	Moderate-term on-the-job training
33-3011	Bailiffs	10	Moderate-term on-the-job training
33-3012	Correctional Officers & Jailers	10	Moderate-term on-the-job training
33-9011	Animal Control Workers	10	Moderate-term on-the-job training
33-9031	Gaming Surveillance Officers & Gaming Investigators	10	Moderate-term on-the-job training
35-2012	Cooks, Institution & Cafeteria	10	Moderate-term on-the-job training
37-2021	Pest Control Workers	10	Moderate-term on-the-job training
37-3012	Pesticide Handlers, Sprayers, & Applicators, Vegetation	10	Moderate-term on-the-job training
39-2011	Animal Trainers	10	Moderate-term on-the-job training
39-3199	Gaming Workers, All Other (OES Only)	10	Moderate-term on-the-job training
39-6012	Concierges	10	Moderate-term on-the-job training
39-6021	Tour Guides & Escorts	10	Moderate-term on-the-job training
39-6022	Travel Guides	10	Moderate-term on-the-job training
39-9041	Residential Advisors	10	Moderate-term on-the-job training
41-2022	Parts Salespersons	10	Moderate-term on-the-job training
41-3011	Advertising Sales Agents	10	Moderate-term on-the-job training
41-4011	Sales Representatives, Wholesale & Manufacturing, Technical & Scientific Products	10	Moderate-term on-the-job training
41-4012	Sales Representatives, Wholesale & Manufacturing, Except Technical & Scientific Products	10	Moderate-term on-the-job training
41-9011	Demonstrators & Product Promoters	10	Moderate-term on-the-job training
41-9012	Models	10	Moderate-term on-the-job training
41-9099	Sales & Related Workers, All Other	10	Moderate-term on-the-job training
43-3021	Billing & Posting Clerks & Machine Operators	10	Moderate-term on-the-job training
43-3031	Bookkeeping, Accounting, & Auditing Clerks	10	Moderate-term on-the-job training
43-3051	Payroll & Timekeeping Clerks	10	Moderate-term on-the-job training
43-4011	Brokerage Clerks	10	Moderate-term on-the-job training

Standard Occupation Classification (SOC)*		Training Requirements	
Code	Occupation Title	Code	Training Description
43-4051	Customer Service Representatives	10	Moderate-term on-the-job training
43-4061	Eligibility Interviewers, Government Programs	10	Moderate-term on-the-job training
43-5011	Cargo & Freight Agents	10	Moderate-term on-the-job training
43-5031	Police, Fire, & Ambulance Dispatchers	10	Moderate-term on-the-job training
43-5032	Dispatchers, Except Police, Fire, & Ambulance	10	Moderate-term on-the-job training
43-6011	Executive Secretaries & Administrative Assistants	10	Moderate-term on-the-job training
43-6014	Secretaries, Except Legal, Medical, & Executive	10	Moderate-term on-the-job training
43-9011	Computer Operators	10	Moderate-term on-the-job training
43-9021	Data Entry Keyers	10	Moderate-term on-the-job training
43-9022	Word Processors & Typists	10	Moderate-term on-the-job training
43-9041	Insurance Claims & Policy Processing Clerks	10	Moderate-term on-the-job training
43-9111	Statistical Assistants	10	Moderate-term on-the-job training
45-2021	Animal Breeders	10	Moderate-term on-the-job training
45-2091	Agricultural Equipment Operators	10	Moderate-term on-the-job training
45-4011	Forest & Conservation Workers	10	Moderate-term on-the-job training
45-4021	Fallers	10	Moderate-term on-the-job training
45-4022	Logging Equipment Operators	10	Moderate-term on-the-job training
45-4023	Log Graders & Scalers	10	Moderate-term on-the-job training
45-9099	Farming, Fishing, & Forestry Workers, All Other (OES Only)	10	Moderate-term on-the-job training
47-2041	Carpet Installers	10	Moderate-term on-the-job training
47-2042	Floor Layers, Except Carpet, Wood, & Hard Tiles	10	Moderate-term on-the-job training
47-2043	Floor Sanders & Finishers	10	Moderate-term on-the-job training
47-2051	Cement Masons & Concrete Finishers	10	Moderate-term on-the-job training
47-2061	Construction Laborers	10	Moderate-term on-the-job training
47-2071	Paving, Surfacing, & Tamping Equipment Operators	10	Moderate-term on-the-job training
47-2072	Pile-Driver Operators	10	Moderate-term on-the-job training
47-2073	Operating Engineers & Other Construction Equipment Operators	10	Moderate-term on-the-job training
47-2081	Drywall & Ceiling Tile Installers	10	Moderate-term on-the-job training
47-2082	Tapers	10	Moderate-term on-the-job training
47-2130	Insulation Workers	10	Moderate-term on-the-job training
47-2141	Painters, Construction & Maintenance	10	Moderate-term on-the-job training
47-2142	Paperhangers	10	Moderate-term on-the-job training
47-2151	Pipelayers	10	Moderate-term on-the-job training
47-2181	Roofers	10	Moderate-term on-the-job training
47-2211	Sheet Metal Workers	10	Moderate-term on-the-job training
47-4031	Fence Erectors	10	Moderate-term on-the-job training
47-4041	Hazardous Materials Removal Workers	10	Moderate-term on-the-job training
47-4051	Highway Maintenance Workers	10	Moderate-term on-the-job training
47-4061	Rail-Track Laying & Maintenance Equipment Operators	10	Moderate-term on-the-job training
47-4071	Septic Tank Servicers & Sewer Pipe Cleaners	10	Moderate-term on-the-job training
47-4091	Segmental Pavers	10	Moderate-term on-the-job training
47-4999	Construction Trades & Related Workers, All Other (OES Only)	10	Moderate-term on-the-job training
47-5011	Derrick Operators, Oil & Gas	10	Moderate-term on-the-job training
47-5012	Rotary Drill Operators, Oil & Gas	10	Moderate-term on-the-job training
47-5013	Service Unit Operators, Oil, Gas, & Mining	10	Moderate-term on-the-job training
47-5021	Earth Drillers, Except Oil & Gas	10	Moderate-term on-the-job training
47-5031	Explosives Workers, Ordnance Handling Experts, & Blasters	10	Moderate-term on-the-job training
47-5041	Continuous Mining Machine Operators	10	Moderate-term on-the-job training
47-5042	Mine Cutting & Channeling Machine Operators	10	Moderate-term on-the-job training
47-5049	Mining Machine Operators, All Other	10	Moderate-term on-the-job training
47-5051	Rock Splitters, Quarry	10	Moderate-term on-the-job training

Standard Occupation Classification (SOC)*		Training Requirements	
Code	Occupation Title	Code	Training Description
47-5061	Roof Bolters, Mining	10	Moderate-term on-the-job training
47-5071	Roustabouts, Oil & Gas	10	Moderate-term on-the-job training
47-5099	Extraction Workers, All Other	10	Moderate-term on-the-job training
49-3053	Outdoor Power Equipment & Other Small Engine Mechanics	10	Moderate-term on-the-job training
49-3091	Bicycle Repairers	10	Moderate-term on-the-job training
49-3099	Vehicle & Mobile Equipment Mechanics, Installers, & Repairers, All Other (OES Only)	10	Moderate-term on-the-job training
49-9011	Mechanical Door Repairers	10	Moderate-term on-the-job training
49-9012	Control & Valve Installers & Repairers, Except Mechanical Door	10	Moderate-term on-the-job training
49-9042	Maintenance & Repair Workers, General	10	Moderate-term on-the-job training
49-9045	Refractory Materials Repairers, Except Brickmasons	10	Moderate-term on-the-job training
49-9061	Camera & Photographic Equipment Repairers	10	Moderate-term on-the-job training
49-9091	Coin, Vending, & Amusement Machine Servicers & Repairers	10	Moderate-term on-the-job training
49-9092	Commercial Divers	10	Moderate-term on-the-job training
49-9093	Fabric Menders, Except Garment	10	Moderate-term on-the-job training
49-9094	Locksmiths & Safe Repairers	10	Moderate-term on-the-job training
49-9095	Manufactured Building & Mobile Home Installers	10	Moderate-term on-the-job training
49-9097	Signal & Track Switch Repairers	10	Moderate-term on-the-job training
49-9099	Installation, Maintenance, & Repair Workers, All Other	10	Moderate-term on-the-job training
51-2041	Structural Metal Fabricators & Fitters	10	Moderate-term on-the-job training
51-2091	Fiberglass Laminators & Fabricators	10	Moderate-term on-the-job training
51-2092	Team Assemblers	10	Moderate-term on-the-job training
51-2093	Timing Device Assemblers, Adjusters, & Calibrators	10	Moderate-term on-the-job training
51-2099	Assemblers & Fabricators, All Other	10	Moderate-term on-the-job training
51-3023	Slaughterers & Meat Packers	10	Moderate-term on-the-job training
51-4011	Computer-Controlled Machine Tool Operators, Metal & Plastic	10	Moderate-term on-the-job training
51-4021	Extruding & Drawing Machine Setters, Operators, & Tenders, Metal & Plastic	10	Moderate-term on-the-job training
51-4022	Forging Machine Setters, Operators, & Tenders, Metal & Plastic	10	Moderate-term on-the-job training
51-4023	Rolling Machine Setters, Operators, & Tenders, Metal & Plastic	10	Moderate-term on-the-job training
51-4031	Cutting, Punching, & Press Machine Setters, Operators, & Tenders, Metal & Plastic	10	Moderate-term on-the-job training
51-4032	Drilling & Boring Machine Tool Setters, Operators, & Tenders, Metal & Plastic	10	Moderate-term on-the-job training
51-4033	Grinding, Lapping, Polishing, & Buffing Machine Tool Setters, Operators, & Tenders, Metal & Plastic	10	Moderate-term on-the-job training
51-4034	Lathe & Turning Machine Tool Setters, Operators, & Tenders, Metal & Plastic	10	Moderate-term on-the-job training
51-4035	Milling & Planing Machine Setters, Operators, & Tenders, Metal & Plastic	10	Moderate-term on-the-job training
51-4051	Metal-Refining Furnace Operators & Tenders	10	Moderate-term on-the-job training
51-4052	Pourers & Casters, Metal	10	Moderate-term on-the-job training
51-4061	Model Makers, Metal & Plastic	10	Moderate-term on-the-job training
51-4062	Patternmakers, Metal & Plastic	10	Moderate-term on-the-job training
51-4071	Foundry Mold & Coremakers	10	Moderate-term on-the-job training
51-4072	Molding, Coremaking, & Casting Machine Setters, Operators, & Tenders, Metal & Plastic	10	Moderate-term on-the-job training
51-4081	Multiple Machine Tool Setters, Operators, & Tenders, Metal & Plastic	10	Moderate-term on-the-job training

Standard Occupation Classification (SOC)*		Training Requirements	
Code	Occupation Title	Code	Training Description
51-4122	Welding, Soldering, & Brazing Machine Setters, Operators, & Tenders	10	Moderate-term on-the-job training
51-4191	Heat Treating Equipment Setters, Operators, & Tenders, Metal & Plastic	10	Moderate-term on-the-job training
51-4192	Lay-Out Workers, Metal & Plastic	10	Moderate-term on-the-job training
51-4193	Plating & Coating Machine Setters, Operators, & Tenders, Metal & Plastic	10	Moderate-term on-the-job training
51-4194	Tool Grinders, Filers, & Sharpeners	10	Moderate-term on-the-job training
51-4199	Metal Workers & Plastic Workers, All Other	10	Moderate-term on-the-job training
51-5012	Bookbinders	10	Moderate-term on-the-job training
51-5023	Printing Machine Operators	10	Moderate-term on-the-job training
51-5099	Printing Workers, All Other (OES Only)	10	Moderate-term on-the-job training
51-6011	Laundry & Dry-Cleaning Workers	10	Moderate-term on-the-job training
51-6031	Sewing Machine Operators	10	Moderate-term on-the-job training
51-6042	Shoe Machine Operators & Tenders	10	Moderate-term on-the-job training
51-6061	Textile Bleaching & Dyeing Machine Operators & Tenders	10	Moderate-term on-the-job training
51-6062	Textile Cutting Machine Setters, Operators, & Tenders	10	Moderate-term on-the-job training
51-6064	Textile Winding, Twisting, & Drawing Out Machine Setters, Operators, & Tenders	10	Moderate-term on-the-job training
51-6091	Extruding & Forming Machine Setters, Operators, & Tenders, Synthetic & Glass Fibers	10	Moderate-term on-the-job training
51-7041	Sawing Machine Setters, Operators, & Tenders, Wood	10	Moderate-term on-the-job training
51-7042	Woodworking Machine Setters, Operators, & Tenders, Except Sawing	10	Moderate-term on-the-job training
51-7099	Woodworkers, All Other	10	Moderate-term on-the-job training
51-9011	Chemical Equipment Operators & Tenders	10	Moderate-term on-the-job training
51-9012	Separating, Filtering, Clarifying, Precipitating, & Still Machine Setters, Operators, & Tenders	10	Moderate-term on-the-job training
51-9021	Crushing, Grinding, & Polishing Machine Setters, Operators, & Tenders	10	Moderate-term on-the-job training
51-9022	Grinding & Polishing Workers, Hand	10	Moderate-term on-the-job training
51-9023	Mixing & Blending Machine Setters, Operators, & Tenders	10	Moderate-term on-the-job training
51-9032	Cutting & Slicing Machine Setters, Operators, & Tenders	10	Moderate-term on-the-job training
51-9041	Extruding, Forming, Pressing, & Compacting Machine Setters, Operators, & Tenders	10	Moderate-term on-the-job training
51-9051	Furnace, Kiln, Oven, Drier, & Kettle Operators & Tenders	10	Moderate-term on-the-job training
51-9061	Inspectors, Testers, Sorters, Samplers, & Weighers	10	Moderate-term on-the-job training
51-9083	Ophthalmic Laboratory Technicians	10	Moderate-term on-the-job training
51-9121	Coating, Painting, & Spraying Machine Setters, Operators, & Tenders	10	Moderate-term on-the-job training
51-9122	Painters, Transportation Equipment	10	Moderate-term on-the-job training
51-9131	Photographic Process Workers	10	Moderate-term on-the-job training
51-9191	Cementing & Gluing Machine Operators & Tenders	10	Moderate-term on-the-job training
51-9192	Cleaning, Washing, & Metal Pickling Equipment Operators & Tenders	10	Moderate-term on-the-job training
51-9193	Cooling & Freezing Equipment Operators & Tenders	10	Moderate-term on-the-job training
51-9195	Molders, Shapers, & Casters, Except Metal & Plastic	10	Moderate-term on-the-job training
51-9196	Paper Goods Machine Setters, Operators, & Tenders	10	Moderate-term on-the-job training
51-9197	Tire Builders	10	Moderate-term on-the-job training
51-9199	Production Workers, All Other	10	Moderate-term on-the-job training
53-2099	Air Transportation Workers, All Other (OES Only)	10	Moderate-term on-the-job training

Standard Occupation Classification (SOC)*		Training Requirements	
Code	Occupation Title	Code	Training Description
53-3011	Ambulance Drivers & Attendants, Except Emergency Medical Technicians	10	Moderate-term on-the-job training
53-3021	Bus Drivers, Transit & Intercity	10	Moderate-term on-the-job training
53-3032	Truck Drivers, Heavy & Tractor-Trailer	10	Moderate-term on-the-job training
53-4099	Rail Transportation Workers, All Other	10	Moderate-term on-the-job training
53-5022	Motorboat Operators	10	Moderate-term on-the-job training
53-7021	Crane & Tower Operators	10	Moderate-term on-the-job training
53-7031	Dredge Operators	10	Moderate-term on-the-job training
53-7032	Excavating & Loading Machine & Dragline Operators	10	Moderate-term on-the-job training
53-7033	Loading Machine Operators, Underground Mining	10	Moderate-term on-the-job training
53-7041	Hoist & Winch Operators	10	Moderate-term on-the-job training
53-7071	Gas Compressor & Gas Pumping Station Operators	10	Moderate-term on-the-job training
53-7072	Pump Operators, Except Wellhead Pumpers	10	Moderate-term on-the-job training
53-7073	Wellhead Pumpers	10	Moderate-term on-the-job training
53-7121	Tank Car, Truck, & Ship Loaders	10	Moderate-term on-the-job training
53-7199	Material Moving Workers, All Other	10	Moderate-term on-the-job training
25-4031	Library Technicians	11	Short-term on-the-job training
25-9041	Teacher Assistants	11	Short-term on-the-job training
31-1011	Home Health Aides	11	Short-term on-the-job training
31-1012	Nursing Aides, Orderlies, & Attendants	11	Short-term on-the-job training
31-1013	Psychiatric Aides	11	Short-term on-the-job training
31-2012	Occupational Therapist Aides	11	Short-term on-the-job training
31-2022	Physical Therapist Aides	11	Short-term on-the-job training
31-9093	Medical Equipment Preparers	11	Short-term on-the-job training
31-9095	Pharmacy Aides	11	Short-term on-the-job training
31-9096	Veterinary Assistants & Laboratory Animal Caretakers	11	Short-term on-the-job training
31-9099	Healthcare Support Workers, All Other	11	Short-term on-the-job training
33-3041	Parking Enforcement Workers	11	Short-term on-the-job training
33-9032	Security Guards	11	Short-term on-the-job training
33-9091	Crossing Guards	11	Short-term on-the-job training
33-9099	Protective Service Workers, All Other	11	Short-term on-the-job training
35-2011	Cooks, Fast Food	11	Short-term on-the-job training
35-2015	Cooks, Short Order	11	Short-term on-the-job training
35-2021	Food Preparation Workers	11	Short-term on-the-job training
35-3011	Bartenders	11	Short-term on-the-job training
35-3021	Combined Food Preparation & Serving Workers, Including Fast Food	11	Short-term on-the-job training
35-3022	Counter Attendants, Cafeteria, Food Concession, & Coffee Shop	11	Short-term on-the-job training
35-3031	Waiters & Waitresses	11	Short-term on-the-job training
35-3041	Food Servers, Nonrestaurant	11	Short-term on-the-job training
35-9011	Dining Room & Cafeteria Attendants & Bartender Helpers	11	Short-term on-the-job training
35-9021	Dishwashers	11	Short-term on-the-job training
35-9031	Hosts & Hostesses, Restaurant, Lounge, & Coffee Shop	11	Short-term on-the-job training
35-9099	Food Preparation & Serving Related Workers, All Other	11	Short-term on-the-job training
37-2011	Janitors & Cleaners, Except Maids & Housekeeping Cleaners	11	Short-term on-the-job training
37-2012	Maids & Housekeeping Cleaners	11	Short-term on-the-job training
37-3011	Landscaping & Groundskeeping Workers	11	Short-term on-the-job training
37-3013	Tree Trimmers & Pruners	11	Short-term on-the-job training
37-9099	Building & Grounds Cleaning & Maintenance Workers, All Other (OES Only)	11	Short-term on-the-job training
39-2021	Nonfarm Animal Caretakers	11	Short-term on-the-job training

Standard Occupation Classification (SOC)*		Training Requirements	
Code	Occupation Title	Code	Training Description
39-3021	Motion Picture Projectionists	11	Short-term on-the-job training
39-3031	Ushers, Lobby Attendants, & Ticket Takers	11	Short-term on-the-job training
39-3091	Amusement & Recreation Attendants	11	Short-term on-the-job training
39-3092	Costume Attendants	11	Short-term on-the-job training
39-3093	Locker Room, Coatroom, & Dressing Room Attendants	11	Short-term on-the-job training
39-4021	Funeral Attendants	11	Short-term on-the-job training
39-5093	Shampooers	11	Short-term on-the-job training
39-6011	Baggage Porters & Bellhops	11	Short-term on-the-job training
39-6032	Transportation Attendants, Except Flight Attendants & Baggage Porters	11	Short-term on-the-job training
39-9011	Child Care Workers	11	Short-term on-the-job training
39-9021	Personal & Home Care Aides	11	Short-term on-the-job training
39-9099	Personal Care & Service Workers, All Other	11	Short-term on-the-job training
41-2011	Cashiers	11	Short-term on-the-job training
41-2012	Gaming Change Persons & Booth Cashiers	11	Short-term on-the-job training
41-2021	Counter & Rental Clerks	11	Short-term on-the-job training
41-2031	Retail Salespersons	11	Short-term on-the-job training
41-9041	Telemarketers	11	Short-term on-the-job training
41-9091	Door-To-Door Sales Workers, News & Street Vendors, & Related Workers	11	Short-term on-the-job training
43-2011	Switchboard Operators, Including Answering Service	11	Short-term on-the-job training
43-2021	Telephone Operators	11	Short-term on-the-job training
43-2099	Communications Equipment Operators, All Other	11	Short-term on-the-job training
43-3011	Bill & Account Collectors	11	Short-term on-the-job training
43-3041	Gaming Cage Workers	11	Short-term on-the-job training
43-3061	Procurement Clerks	11	Short-term on-the-job training
43-3071	Tellers	11	Short-term on-the-job training
43-4021	Correspondence Clerks	11	Short-term on-the-job training
43-4031	Court, Municipal, & License Clerks	11	Short-term on-the-job training
43-4041	Credit Authorizers, Checkers, & Clerks	11	Short-term on-the-job training
43-4071	File Clerks	11	Short-term on-the-job training
43-4081	Hotel, Motel, & Resort Desk Clerks	11	Short-term on-the-job training
43-4111	Interviewers, Except Eligibility & Loan	11	Short-term on-the-job training
43-4121	Library Assistants, Clerical	11	Short-term on-the-job training
43-4131	Loan Interviewers & Clerks	11	Short-term on-the-job training
43-4151	Order Clerks	11	Short-term on-the-job training
43-4161	Human Resources Assistants, Except Payroll & Timekeeping	11	Short-term on-the-job training
43-4171	Receptionists & Information Clerks	11	Short-term on-the-job training
43-4181	Reservation & Transportation Ticket Agents & Travel Clerks	11	Short-term on-the-job training
43-4999	Financial, Information, & Record Clerks, All Other (OES Only)	11	Short-term on-the-job training
43-5021	Couriers & Messengers	11	Short-term on-the-job training
43-5041	Meter Readers, Utilities	11	Short-term on-the-job training
43-5051	Postal Service Clerks	11	Short-term on-the-job training
43-5052	Postal Service Mail Carriers	11	Short-term on-the-job training
43-5053	Postal Service Mail Sorters, Processors, & Processing Machine Operators	11	Short-term on-the-job training
43-5061	Production, Planning, & Expediting Clerks	11	Short-term on-the-job training
43-5071	Shipping, Receiving, & Traffic Clerks	11	Short-term on-the-job training
43-5081	Stock Clerks & Order Fillers	11	Short-term on-the-job training
43-5111	Weighers, Measurers, Checkers, & Samplers, Recordkeeping	11	Short-term on-the-job training

Standard Occupation Classification (SOC)*		Training Requirements	
Code	Occupation Title	Code	Training Description
43-5199	Material Recording, Scheduling, Dispatching, & Distributing Workers, All Other (OES Only)	11	Short-term on-the-job training
43-9051	Mail Clerks & Mail Machine Operators, Except Postal Service	11	Short-term on-the-job training
43-9061	Office Clerks, General	11	Short-term on-the-job training
43-9071	Office Machine Operators, Except Computer	11	Short-term on-the-job training
43-9081	Proofreaders & Copy Markers	11	Short-term on-the-job training
43-9999	Secretaries, Administrative Assistants, & Other Office Support Workers, All Other (OES Only)	11	Short-term on-the-job training
45-2092	Farmworkers & Laborers, Crop, Nursery, & Greenhouse	11	Short-term on-the-job training
45-2093	Farmworkers, Farm & Ranch Animals	11	Short-term on-the-job training
47-3011	Helpers--Brickmasons, Blockmasons, Stonemasons, & Tile & Marble Setters	11	Short-term on-the-job training
47-3012	Helpers--Carpenters	11	Short-term on-the-job training
47-3013	Helpers--Electricians	11	Short-term on-the-job training
47-3014	Helpers--Painters, Paperhangers, Plasterers, & Stucco Masons	11	Short-term on-the-job training
47-3015	Helpers--Pipelayers, Plumbers, Pipefitters, & Steamfitters	11	Short-term on-the-job training
47-3016	Helpers--Roofers	11	Short-term on-the-job training
47-3019	Helpers, Construction Trades, All Other	11	Short-term on-the-job training
47-5081	Helpers--Extraction Workers	11	Short-term on-the-job training
49-3093	Tire Repairers & Changers	11	Short-term on-the-job training
49-9043	Maintenance Workers, Machinery	11	Short-term on-the-job training
49-9096	Riggers	11	Short-term on-the-job training
49-9098	Helpers--Installation, Maintenance, & Repair Workers	11	Short-term on-the-job training
51-2021	Coil Winders, Tapers, & Finishers	11	Short-term on-the-job training
51-2022	Electrical & Electronic Equipment Assemblers	11	Short-term on-the-job training
51-2023	Electromechanical Equipment Assemblers	11	Short-term on-the-job training
51-2031	Engine & Other Machine Assemblers	11	Short-term on-the-job training
51-3022	Meat, Poultry, & Fish Cutters & Trimmers	11	Short-term on-the-job training
51-3091	Food & Tobacco Roasting, Baking, & Drying Machine Operators & Tenders	11	Short-term on-the-job training
51-3092	Food Batchmakers	11	Short-term on-the-job training
51-3093	Food Cooking Machine Operators & Tenders	11	Short-term on-the-job training
51-3099	Food Processing Workers, All Other (OES Only)	11	Short-term on-the-job training
51-5011	Bindery Workers	11	Short-term on-the-job training
51-6021	Pressers, Textile, Garment, & Related Materials	11	Short-term on-the-job training
51-6051	Sewers, Hand	11	Short-term on-the-job training
51-6099	Textile, Apparel, & Furnishings Workers, All Other	11	Short-term on-the-job training
51-9031	Cutters & Trimmers, Hand	11	Short-term on-the-job training
51-9111	Packaging & Filling Machine Operators & Tenders	11	Short-term on-the-job training
51-9123	Painting, Coating, & Decorating Workers	11	Short-term on-the-job training
51-9132	Photographic Processing Machine Operators	11	Short-term on-the-job training
51-9198	Helpers--Production Workers	11	Short-term on-the-job training
53-3022	Bus Drivers, School	11	Short-term on-the-job training
53-3031	Driver/Sales Workers	11	Short-term on-the-job training
53-3033	Truck Drivers, Light or Delivery Services	11	Short-term on-the-job training
53-3041	Taxi Drivers & Chauffeurs	11	Short-term on-the-job training
53-3099	Motor Vehicle Operators, All Other	11	Short-term on-the-job training
53-5011	Sailors & Marine Oilers	11	Short-term on-the-job training
53-5099	Water Transportation Workers, All Other (OES Only)	11	Short-term on-the-job training
53-6021	Parking Lot Attendants	11	Short-term on-the-job training
53-6031	Service Station Attendants	11	Short-term on-the-job training
53-6041	Traffic Technicians	11	Short-term on-the-job training

Standard Occupation Classification (SOC)*		Training Requirements	
Code	Occupation Title	Code	Training Description
53-6099	Transportation Workers, All Other	11	Short-term on-the-job training
53-7011	Conveyor Operators & Tenders	11	Short-term on-the-job training
53-7051	Industrial Truck & Tractor Operators	11	Short-term on-the-job training
53-7061	Cleaners of Vehicles & Equipment	11	Short-term on-the-job training
53-7062	Laborers & Freight, Stock, & Material Movers, Hand	11	Short-term on-the-job training
53-7063	Machine Feeders & Offbearers	11	Short-term on-the-job training
53-7064	Packers & Packagers, Hand	11	Short-term on-the-job training
53-7081	Refuse & Recyclable Material Collectors	11	Short-term on-the-job training
53-7111	Shuttle Car Operators	11	Short-term on-the-job training

\*For more information on the Standard Occupational Classification (SOC) system, see: [www.bls.gov/soc/socguide.htm](http://www.bls.gov/soc/socguide.htm)

These descriptions are provided as general guidelines and are **not** absolute requirements for employment.

Prepared by Arizona Dept of Economic Security, Research Administration in cooperation with the U.S. Dept of Labor, Bureau of Labor Statistics.